

# EDGE RESOLVED DUAL SCINTILLATOR GAMMA RAY DETECTION SYSTEM AND METHOD

## ABSTRACT OF THE DISCLOSURE

A detector includes a first position sensitive radiation detector having a first radiation sensitive area and a second radiation insensitive area. The detector further includes a first scintillator having a first decay time, located adjacent to the first radiation sensitive area and a second scintillator having a second decay time different than the first decay time, located adjacent to the second radiation insensitive area and being optically coupled to the first scintillator.

## Figures

Figure 1: A line graph showing the relationship between the number of hours spent studying and the score on a test. The x-axis represents 'Hours Studied' (0 to 10) and the y-axis represents 'Test Score' (0 to 100). The data points are as follows:

| Hours Studied | Test Score |
|---------------|------------|
| 0             | 50         |
| 1             | 55         |
| 2             | 60         |
| 3             | 65         |
| 4             | 70         |
| 5             | 75         |
| 6             | 80         |
| 7             | 85         |
| 8             | 90         |
| 9             | 95         |
| 10            | 100        |

The graph shows a positive linear relationship, indicating that as the number of hours spent studying increases, the test score also increases proportionally.